

GenCore version 4.5
Copyright: (c) 1993 2000 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: April 24, 2002, 03:28:37 : Search time 116.53 Seconds
(without alignments)
2658 731 Million cell updates/sec

Title: US-09-525-998A-1

Perfect score: 1368

Sequence: 1 atgggctctccacgctgc.....cgccagctctctccatgda 1368

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapeat 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 702405

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA *

- 1: /cgn2_seq/seqdata/2/na/seq/NA_1MB_seq *
- 2: /cgn2_seq/seqdata/2/na/seq/NA_1MB_seq *
- 3: /cgn2_seq/seqdata/2/na/seq/NA_1MB_seq *
- 4: /cgn2_seq/seqdata/2/na/seq/NA_1MB_seq *
- 5: /cgn2_seq/seqdata/2/na/seq/NA_1MB_seq *
- 6: /cgn2_seq/seqdata/2/na/seq/NA_1MB_seq *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No	Score	Query Match	Length	DB ID	Description
1	1366.4	99.9	2161	3 US-09-106-038A-1	Sequence 1, Appl
2	1366.4	99.9	2175	1 US-08-321-668-1	Sequence 1, Appl
3	1366.4	99.9	2175	1 US-08-337-941-1	Sequence 1, Appl
4	1366.4	99.9	2175	1 US-08-126-016-1	Sequence 1, Appl
5	1360	99.4	2242	1 US-08-050-3198-24	Sequence 24, Appl
6	1360	99.4	2242	2 US-08-465-982-24	Sequence 24, Appl
7	690.4	50.5	1956	2 US-08-762-308-10	Sequence 10, Appl
8	632.9	46.3	6896	2 US-08-627-151A-6	Sequence 6, Appl
9	632.4	46.2	6899	1 US-08-586-743-2	Sequence 2, Appl
10	632.4	46.2	6899	5 US-08-595-09576-2	Sequence 2, Appl
11	593.6	43.4	600	1 US-08-050-3198-47	Sequence 47, Appl
12	593.6	43.4	600	2 US-08-465-982-47	Sequence 47, Appl
13	515.4	37.7	1478	4 US-08-149-922-6	Sequence 6, Appl
14	514	37.6	1301	4 US-08-804-166-7	Sequence 7, Appl
15	514	37.6	1301	4 US-08-910-991-7	Sequence 7, Appl
16	506	37.0	1147	4 US-08-804-166-5	Sequence 5, Appl
17	506	37.0	1147	4 US-08-910-991-5	Sequence 5, Appl
18	501.4	36.7	504	1 US-08-050-3198-56	Sequence 56, Appl
19	501.4	36.7	504	2 US-08-465-982-56	Sequence 56, Appl
20	499.4	36.5	501	1 US-08-050-3198-1	Sequence 1, Appl
21	499.4	36.5	501	2 US-08-465-982-1	Sequence 1, Appl
22	483	35.3	483	4 US-08-326-394-1	Sequence 1, Appl
23	424.4	31.9	1049	4 US-08-804-166-1	Sequence 1, Appl
24	424.4	31.0	1049	4 US-08-910-991-1	Sequence 1, Appl
25	424.4	31.0	1262	4 US-08-804-166-3	Sequence 3, Appl
26	424.4	31.0	1262	4 US-08-910-991-3	Sequence 3, Appl
27	376.2	27.5	477	1 US-08-050-3198-53	Sequence 53, Appl

28	476.2	27.5	477	2 US-08-465-982-53	Sequence 53, Appl
29	372	27.2	472	1 US-08-050-3198-3	Sequence 3, Appl
30	372	27.2	472	2 US-08-465-982-3	Sequence 3, Appl
31	457.2	26.1	474	1 US-08-050-3198-49	Sequence 49, Appl
32	457.2	26.1	474	2 US-08-465-982-49	Sequence 49, Appl
33	410.8	22.7	462	1 US-08-050-3198-51	Sequence 51, Appl
34	410.8	22.7	462	2 US-08-465-982-51	Sequence 51, Appl
35	70	5.1	1783	3 US-08-815-463-1	Sequence 1, Appl
36	66.8	4.9	1254	3 US-08-815-463-3	Sequence 3, Appl
37	63	3.6	7219	1 US-08-322-463-14	Sequence 14, Appl
38	45	3.3	13987	2 US-08-804-227-13	Sequence 13, Appl
39	45	3.3	44377	2 US-08-804-227-7	Sequence 7, Appl
40	45	3.3	44377	2 US-08-804-198-1	Sequence 1, Appl
41	44.8	3.2	1164	1 US-07-640-476-7	Sequence 6, Appl
42	42.8	2.2	9960	3 US-08-922-589-49	Sequence 49, Appl
43	42.4	2.2	4267	4 US-08-949-115-51	Sequence 51, Appl
44	43	3.1	1689	4 US-08-311-924-1	Sequence 1, Appl
45	42.8	3.1	1029	3 US-08-911-853-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-09-106-038A-1
Sequence 1, Application US/3410098A
Patent No. 6007995
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Lex M. Gussert
TITLE OF INVENTION: ANTISENSE MODULATION OF INPR1
CLASS OF INVENTION: EXPRESSION
REFERENCES: 91
EXPERIMENTAL DATA:
ADDRESS: 1000 Broadway Avenue
CITY: Carlisbad
STATE: CA
COUNTRY: U.S.A.
ZIP: 92008
COMPUTER REAMABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WINDOWS NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 51A
ALTERNATE/ACCT. INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRAR NUMBER: 377,289
REFERENCE/KEY NUMBER: RTS 0004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (760) 941-9206
FAX: (760) 683-6820
INFORMATION FOR SEQ. ID NOS. 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2161
TYPE: nucleic acid
STRANDNESS: single
TOPLOGY: linear
US-09-106-038A-1

Query Match: 99.9% Score 1366.4 IE: 1 Length 2161
Best total similarity: 99.9% Pred. No. 0
Matches 1367 Mismatches 3 Indels 0 Gaps 0
CY 1 atgggctctccacgctgc.....cgccagctctctccatgda 60
IE 264 atgggctctccacgctgc.....cgccagctctctccatgda 60
CY 1 atgggctctccacgctgc.....cgccagctctctccatgda 60
IE 264 atgggctctccacgctgc.....cgccagctctctccatgda 60
CY 1 atgggctctccacgctgc.....cgccagctctctccatgda 60

US-08-910-991-7
 : Sequence 7, Application US/08910991
 : Patent No. 6194177
 : GENERAL INFORMATION:
 : APPLICANT: Campbell, Robert K.
 : APPLICANT: Jameson, Bradford A.
 : APPLICANT: Chappel, Scott C.
 : TITLE OF INVENTION: HYBRID PROTEINS
 : NUMBER OF SEQUENCES: 22
 : CORRESPONDENCE ADDRESS:
 : ADDRESSER: BROWDY AND NEIMARK
 : STREET: 419 Seventh Street N.W., Ste. 300
 : CITY: Washington
 : STATE: D.C.
 : COUNTRY: USA
 : ZIP: 22207
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: Patent In Release #1.0, Version #1.30
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/910,991
 : FILING DATE:
 : CLASSIFICATION: 540
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: 08/804,166
 : FILING DATE: 20 February 1997
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: 60/011,936
 : FILING DATE: 20 February 1996
 : ATTORNEY/AGENT INFORMATION:
 : NAME: YUN, Allen C.
 : REGISTRATION NUMBER: 37,971
 : REFERENCE/DOCKET NUMBER: CAMPBELL-2B
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: (202) 628-5197
 : TELEFAX: (202) 737-3528
 : INFORMATION FOR SEQ ID NO: 7:
 : LENGTH: 1301 base pairs
 : TYPE: nucleic acid
 : STRANDEDNESS: single
 : TOPOLOGY: linear
 : MOLECULE TYPE: cDNA
 : FEATURE:
 : NAME/KEY: CDS
 : LOCATION: 279..1287
 : US-08-910-991-7

Query Match 37.68; Score 514; DB 4; Length 1301;
 Best Local Similarity 100.0%; Pred. No. 5,60-114;
 Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 121 gataatgataatcccccaagaaataatataccccctcaaaaataattcaatttgaatgacc 180
 Db 345 GATAGTGTTGTCCTCCCAAGGAAATATATCCACCCCTCAAAATATTCGATTCGTAACC 404
 QY 181 aatgcccaaaaagaaactacttatacaatgactgtccagagccctggagagatagaaac 240
 Db 405 AAGTGGCA/AAAAGAA/CTACTTGTGATG/ATG/TGTGTAGAGGACCGGAG/AGGATACGGAC 464
 QY 241 tgaagaatattatgaag 300
 Db 465 TGAAGGAA/TTGTGAG 524
 QY 361 agatgag 360
 Db 525 AGCTGCTCCAAATGCCCAAGGAAATGGGTCAGGTGGATCTCTCTTGGACATGGAC 584
 QY 361 gagaag 420

Db 585 cgaac 644
 QY 421 ttaatt 480
 Db 645 ttaatt 704
 QY 481 ttaatt 540
 Db 705 ttaatt 764
 QY 541 ttaatt 600
 Db 765 ttaatt 824
 QY 601 ttaatt 664
 Db 825 ttaatt 888
 Search completed: April 24, 2002, 05:16:55
 Job time: 6498 sec

